

Declaration for the Record of Decision

SITE NAME AND LOCATION

Defense Distribution Region West-Sharpe Site
Lathrop, California

STATEMENT OF BASIS AND PURPOSE

This decision document presents the selected remedial action for Defense Distribution Region West (DDRW)-Sharpe Site, in Lathrop, California, developed in accordance with CERCLA, as amended by SARA and, to the extent practicable, the National Contingency Plan. This decision is based on the administrative record for this site.

The State of California concurs on the selected remedy.

ASSESSMENT OF THE SITE

Actual or threatened releases of hazardous substances from this site, if not addressed by implementing the response action selected in this ROD, may present an imminent and substantial endangerment to public health, welfare, or the environment.

DESCRIPTION OF THE REMEDY

This operable unit is the first of two that are planned for the site. The first operable unit addresses VOC, arsenic, selenium, nitrate, and bromacil contaminated groundwater. Any additional groundwater contaminants or compounds identified in subsequent efforts will be addressed as part of the site-wide comprehensive ROD. The function of this operable unit is to prevent further migration of contaminated groundwater and capture the contaminant plumes.

The major components of the selected remedy include:

- Groundwater extraction wellfield and associated piping network;
- Three air stripping treatment systems consisting of countercurrent packed towers to remove VOC contamination;
- Gas-phase carbon adsorber for treatment of offgas (for one of the three treatment systems);

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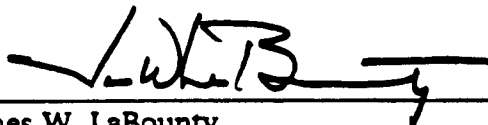
- Disposition of treated groundwater via surface water discharge, water reuse, and evaporation/infiltration ponds with connector/injection wells.

Conceptual remedial design information is presented in this ROD. The conceptual designs are adequate for the purpose of evaluating potential remedies and for selecting a remedy. Detailed remedial designs and remedial actions will be based on a sitewide, three-dimensional groundwater flow and transport model under development by the U.S. Army Toxic and Hazardous Materials Agency (USATHAMA) and a treatment plant design document under development by the U.S. Army Corps of Engineers (USACE).

STATUTORY DETERMINATIONS

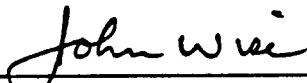
The selected remedy is protective of human health and the environment, complies with federal and state requirements that are legally applicable or relevant and appropriate to the remedial action, and is cost effective. This remedy uses permanent solutions and alternative treatment (or resource recovery) technologies to the maximum extent practicable and satisfies the statutory preference for remedies that employ treatment that reduces toxicity, mobility, or volume as a principal element.

Because this remedy will result in hazardous substances remaining onsite above health-based levels [i.e., the contaminated soils (which will be addressed with the second operable unit)], a review will be conducted within 5 years after commencement of remedial action to ensure that the remedy continues to provide adequate protection of human health and the environment.



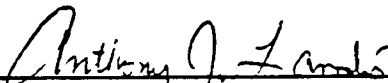
Colonel James W. LaBounty
Commander, Defense Distribution Region West-Sharpe Site

14 JAN 93
Date



Daniel W. McGovern, EPA Regional Administrator, Region IX

1.25.93
Date



Anthony J. Landis, P.E., Chief Site Mitigation Branch
Region 1, Department of Toxic Substances Control

1-20-93
Date



William Crooks, Executive Officer, Central Valley, RWQCB

1-20-93
Date